

STATEMENT OF WORK**Irrigation Water Conveyance - Ditch and Canal Lining, Galvanized Steel – 428c
New York State**

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

Items marked with an asterisk (*) will be delivered to the Designated Conservationist

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan
 - b. List of required permits to be obtained by the client
 - c. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06)
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Capacity
 - ii. Channel velocity/Stability
 - iii. Steel lining details (e.g. gage, joints, coatings)
 - iv. Environmental Considerations
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. ***Operation and Maintenance Plan.**
4. ***In cases where the practice location has changed, a statement to NRCS notifying the agency of the change in location as well as a map showing the new practice location. The statement will include the landowner's name, program name, contract number and practice name.**
5. ***Signed Warranty of Technical Services Provided** form indicating compliance with practice standard criteria and applicable laws and regulations.
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Delay of installation until TSP receives written verification from NRCS that all NEPA requirements have been satisfied for this practice.
2. Pre Installation conference with client and contractor.
3. Verification that client has obtained required permits.
4. Staking and layout according to plans and specifications including applicable layout notes.
5. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used (Part 512, Subpart D Quality Assurance Activities, 512.33)
 - b. Inspection records
6. Facilitate and implement required design modifications with client and original designer
7. ***Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.**
8. ***Signed Warranty of Technical Services Provided** form indicating compliance with practice standard criteria and applicable laws and regulations.

CHECK OUT

Deliverables

1. ***As-Built documentation.**
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. ***Signed Warranty of Technical Services Provided** form indicating compliance with practice standard criteria and applicable laws and regulations.
3. Progress reporting.

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REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Irrigation Water Conveyance Ditch and Canal Lining, Galvanized Steel, 428c
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook